

hydroxy-8-(1-hydroxyethyl)- [78366-45-7]

**Antibiotic F 390C**

See 4aH-Xanthene-4a-carboxylic acid, 4,9-dihydro-4,8-dihydroxy-6-(hydroxymethyl)-9-oxo-, methyl ester, (4R,4aS)- [194936-25-9]

**Antibiotic FCE 22723**

See 5,12-Naphthacenedione, 7-(3-amino-2,3,6-trideoxy- $\alpha$ -L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,9,11-trihydroxy-9-[(1S)-1-hydroxyethyl]-, (7S,9S)- [86189-66-4]

**Antibiotic FL 657B**

See 2-Hexene-1,5-dione, 1-(4-(dimethylamino)phenyl)-4-(2-hydroxypropylidene)- [98267-22-2]

**Antibiotic FN 1636**

See L-Phenylalanine [63-91-2]

**Antibiotic FR 1923**

See 1-Azetidineacetic acid, 3-[[2Z)-4-[(3R)-3-amino-3-carboxypropoxy]phenyl(hydroxyimino):acetyl]amino]- $\alpha$ -(4-hydroxyphenyl)-2-oxo-, (aR,3S)- [39391-39-4]

**Antibiotic FR 2458**

See 1-Azetidineacetic acid, 3-[[2E)-4-[(3R)-3-amino-3-carboxypropoxy]phenyl(hydroxyimino):acetyl]amino]- $\alpha$ -(4-hydroxyphenyl)-2-oxo-, (aR,3S)- [60134-71-6]

**Antibiotic FR 29038**

See 1-Azetidineacetic acid, 3-[[amino]-4-(3-amino-3-carboxypropoxy)phenyl]acetyl]amino]- $\alpha$ -(4-hydroxyphenyl)-2-oxo- [59511-12-5]

**Antibiotic FR 29055**

See 1-Azetidineacetic acid, 3-[[4-(3R)-3-amino-3-carboxypropoxy]phenyl]oxoacetyl]amino]- $\alpha$ -(4-hydroxyphenyl)-2-oxo-, (aR,3S)- [61425-17-0]

**Antibiotic FR 29644**

See 1-Azetidineacetic acid, 3-[[2R)-amino(4-hydroxyphenyl)acetyl]amino]- $\alpha$ -(4-hydroxyphenyl)-2-oxo-, (aR,3S)- [65309-11-7]

**Antibiotic FR 31564**

See Phosphonic acid, [3-(formylhydroxyamino):propyl]-, monosodium salt [66508-37-0]

**Antibiotic FR 31705**

See Phosphonic acid, [3-(formylhydroxyamino):propyl]- [66508-53-0]

**Antibiotic FR 32863**

See Phosphonic acid, [3-(formylhydroxyamino)-1-propenyl]-, (E)- [66508-88-1]

**Antibiotic FR 33289**

See Phosphonic acid, [(2R)-3-(acetylhydroxyamino)-2-hydroxypropyl]- [73240-15-0]

**Antibiotic FR 33693**

See Phosphonic acid, [(1E)-3-(acetylhydroxyamino)-1-propenyl]- [74273-06-6]

**Antibiotic FR 33699**

See Phosphonic acid, [(2R)-3-(formylhydroxyamino)-2-hydroxypropyl]- [74273-07-7]

**Antibiotic FR 66879**

See 3,9-Epoxy-3H-azirino[2,3-c][1]benzazocine-5,8-dimethanol, 1,1a,2,8,9,9a-hexahydro-7,9-dihydroxy-,  $\alpha^9$ -carbamate [102409-60-9]

**Antibiotic FR 900098**

See Phosphonic acid, [3-(acetylhydroxyamino):propyl]- [66508-32-5]

**Antibiotic FR 900109**

See 1,4-Epoxy-1H-naphthal-2-c[pyran-8-carboxylic acid, 1-[(3R)-3-(acetylloxy)tetrahydro-5-methylene-2,4-dioxo-3-furanyl]-3,4,4a,6a,7,8,9,10,10a,10b-decahydro-4,10b-dimethyl-3-[(1E)-1-methyl-1-propenyl]-, (1S,3R,4S,4aS,6aR,8S,10aS,10bR)- [83512-61-2]

**Antibiotic FR 900130**

See 3-Butynoic acid, 2-amino-, (2S)- [73537-09-4]

**Antibiotic FR 900136**

See Phosphonic acid, [3-(formylhydroxyamino)-1-propenyl]-, (E)- [66508-88-1]

**Antibiotic FR 900137**

See L-Leucine, hydrazides, 2-(hydroxymethylphosphinyl)-2-methylhydrazide [73706-58-8]

**Antibiotic FR 900148**

See L-Glutamic acid, L-valyl-3-chloro-3,4-didehydro-, monosodium salt [73706-57-7]

**Antibiotic FR 900201**

See Lavendomycin [82987-09-5]

**Antibiotic FR 900220**

See Pyrazinol, 1',2',1',5',4',5',1',5',dipyrrolo[2,3-b:2',3'-b']diindole-7,15(H,7aH)-dione, 8a,16a-bis-(1,1-dimethyl-2-propenyl)-5a,8a,13,13a,15a,16,16a-octahydro-, (6aS,7aS,8aR,13aS,15aS,16aR)- [88360-87-6]

**Antibiotic FR 900261**

See Cyclo-L-leucyl-(2S)-D-piperidinecarbonyl-(aS,2S)- $\alpha$ -amino- $\eta$ -oxoazirineacetanoyl-D-phenylalanyl [86402-37-1]

**Antibiotic FR 900482 (major isomer)**

See 3,9-Epoxy-3H-azirino[2,3-c][1]benzazocine-5-carboxaldehyde, 8-[[aminocarbonyloxy]methyl]-1,1a,2,8,9,9a-hexahydro-7,9-dihydroxy-, (1aS,3R,8R,9R,9aS)- [102363-08-6]

**Antibiotic FR 900482 (minor isomer)**

See 3,9-Epoxy-3H-azirino[2,3-c][1]benzazocine-5-carboxaldehyde, 8-[[aminocarbonyloxy]methyl]-1,1a,2,8,9,9a-hexahydro-7,9-dihydroxy-, (1aS,3S,8R,9S,9aS)- [108814-63-7]

**Antibiotic FR 900640**

See L-Serine, esters, (3R)-2-diazo-3-hydroxybutanoate (ester) [120128-14-5]

**Antibiotic FR 900648**

See Uridine, 5'-deoxy-5,6-dihydro-5'-[[2E,4E)-5-[(1R,1'R,1''R,2,2S,2'R,2''S)-2''-(1E)-2-[(1R,2R)-2-methylcyclopropyl]ethenyl][1,1':2',1'':2'']-quatercyclopropan-2-yl]-1-oxo-2,4-pentadienyl]amino]- [120500-69-8]

**Antibiotic FR 901228**

See L-Valine, N-(3S,4E)-3-hydroxy-7-mercapto-1-oxo-4-heptenyl]-D-valyl-D-cysteinyl-(2Z)-2-amino-2-butenyl-, (4-1)-lactone, cyclic (1-2)-dialfide [128517-07-7]

**Antibiotic FR 02A**

See 2H-Pyran-2-acetamide, 4-[[6-deoxy-4-O-(6-deoxy-2,4-di-O-methyl- $\alpha$ -L-mannopyranosyl)-3-O-methyl- $\beta$ -D-allopyranosyl]oxy]-N-(2E,4E,6S,7R)-7-[(2S,3S,4R,5R)-5-(1E,3E,5E)-7-(1,2-dihydro-4-hydroxy-1-methyl-2-oxo-3-pyridinyl)-6-methyl-7-oxo-1,3,5-heptatrienyl]tetrahydro-3,4-dihydro-2-furanyl]-6-methoxy-5-methyl-2,4-octadienyl]- $\alpha$ -ethyltetrahydro-2,3-dihydro-5,5-dimethyl-6-[(1E,3Z)-1,3-pentadienyl]-, (aS,2R,3R,4R,6S)- [56592-32-6]

**Antibiotic G 52**

See D-Streptamine, O-2-amino-2,3,4,6-tetradeoxy-6-(methylamino)- $\alpha$ -D-glycero-hex-4-enopyranosyl-(1-4)-O-[3-deoxy-4-C-methyl-3-(methylamino)- $\beta$ -L-arabinopyranosyl-(1-6)]-2-deoxy- [51909-61-6]

**Antibiotic G 418**

See D-Streptamine, O-2-amino-2,7-dideoxy-D-glycero- $\alpha$ -D-glucio-heptopyranosyl-(1-4)-O-[3-deoxy-4-C-methyl-3-(methylamino)- $\beta$ -L-arabinopyranosyl-(1-6)]-2-deoxy- [49863-47-0]

**Antibiotic G 1549**

See 2(1H)-Pyridinone, 1-hydroxy-5-methoxy-6-methyl- [72731-33-0]

**Antibiotic G 6302**

See D-Alaninamide, D- $\gamma$ -glutamyl-N-[(3R)-3-methoxy-2-oxo-1-sulfo-3-azetidinyl]- [77912-79-9]

**Antibiotic 6640G**

See D-Streptamine, O-3-amino-3-deoxy-4-C-methyl- $\beta$ -L-arabinopyranosyl-(1-6)-O-[2,6-diamino-2,3,4,6-tetradeoxy- $\alpha$ -D-glycero-hex-4-enopyranosyl-(1-4)]-2-deoxy- [66762-58-1]

**Antibiotic G 1499-2**

See 4(1H)-Quinolone, 3-methyl-2-(pentylidencyclopropyl)-, (+)- [68978-12-1]

**Antibiotic G 7063-2**

See 7-Oxabicyclo[4.1.0]hept-3-ene-3-carboxamide,  $\alpha$ -amino-2,5-dioxo-, (1S,6R)- [63582-80-9]

**Antibiotic G 0069A**

See Serine, valyl-3-(7-oxo-4-oxa-1-azabicyclo[3.2.0]hept-3-yl)- [106861-42-1]

**Antibiotic G 0069C**

See Serine, alanyl-3-(7-oxo-4-oxa-1-azabicyclo[3.2.0]hept-3-yl)- [108147-53-1]

**Antibiotic G 2201C**

See 4-Cyclopentene-1,3-dione, 2-hydroxy-2-(hydroxyethyl)- [66655-93-4]

**Antibiotic GE 2270A**

See 9H,16H-8,5,15,12,22,19,32,29,36,33-Pentatrieno-5H,29H,33H-pyridol[3,2-a][1,11,18,25,31,4,7,14,21]pentatiazetetracazocletratriacontine-11-acetamide, 2-[4-14-[(2-aminoacarbonyl)-1-pyrroldinyl]carbonyl]-4,5-dihydro-2-oxazoyl]-2-thiazoyl]-10,11,17,18,23,24,25,26,27,28-decahydro-28-(hydroxyphenylmethyl)-21-(methoxymethyl)-N,14-dimethyl-18-(1-methylthyl)-9,16,23,26-tetraoxo- [134861-34-0]

**Antibiotic GE 2140A**

See 2,4,6-Heptatrienoic acid, 7-[5-[(7-13-[[2,6-dideoxy-4-O-(2,6-dideoxy-3-O-methyl- $\alpha$ -D-lyxo-hexopyranosyl)-3-O-methyl- $\alpha$ -D-lyxo-hexopyranosyl]oxy]-1-oxo-2-tetrahydro-2,3,4-trihydroxy-5,5-dimethyl-6-(1,3-pentadienyl)-2H-pyran-2-yl]propyl]amino]-2-methoxy-1,3-dimethyl-3,5-heptadienyl]tetrahydro-3-hydroxy-2-furanyl]- [150200-29-6]

**Antibiotic GLA1**

See D-Glucitol, 1,4-diamino-1,4-dideoxy-3-O-[4-deoxy-4-[(1-oxopropyl)amino]- $\alpha$ -D-glucopyranosyl]- [60534-70-5]

**Antibiotic GLA2**

See D-Glucitol, 3-O-[4-(acetyl)amino]-4-deoxy- $\alpha$ -D-glucopyranosyl]-1,4-diamino-1,4-dideoxy- [60502-99-0]

**Antibiotic G 367S1**

See D-Streptamine, O-6-amino-2,3,4,6-tetradeoxy-2-(formylamino)- $\alpha$ -D-glycero-hex-4-enopyranosyl-(1-4)-O-[3-deoxy-4-C-methyl-3-(methylamino)- $\beta$ -L-arabinopyranosyl-(1-6)]-2-deoxy- [76647-54-6]

**Antibiotic HP 530C-2**

See 4H-Anthral-1,2-bipyran-4,7,12-trione, 10-[4-O-acetyl-2,3,6-trideoxy-3-(dimethylamino)-3-C-methyl- $\alpha$ -L-lyxo-hexopyranosyl]-11-hydroxy-5-methyl-2-(1-methyl-3-pentenyl)-8-[2,3,6-trideoxy-3-(dimethylamino)- $\beta$ -D-arabino-hexopyranosyl]- [149997-92-2]

**Antibiotic 7041**

See 3(2H)-Furanone, 2-(1E,3E)-1,3-hexadienyl-5-methoxy-2-methyl-4-(2E)-1-oxo-2-butenyl-, (-)- [65794-79-8]

**Antibiotic I 639B**

See Piperazine, 1,2,5-trimethyl-4-(1-oxo-3-phenyl-2-propenyl)- [87980-22-1]

**Antibiotic IC 101**

See D-Alanine, (aS,2R,5S,6R)-6-ethyltetrahydro- $\alpha$ ,2-dihydroxy- $\alpha$ -methyl-5-(3-methylbutyl)-2H-pyran-2-acetyl-(3S)-3-hydroxy-L-leucyl-(3R)-hexahydro-3-pyridazincarbonyl-N-hydroxy-L-alanylglucyl-(3S)-hexahydro-3-pyridazincarbonyl-N-hydroxy-, (7-2)-lactone [154272-92-1]

**Antibiotic 704II**

See 3(2H)-Furanone, 2-(1,3-hexadienyl)-5-methoxy-4-(3-methoxy-1-oxobutyl)-2-methyl- [75916-46-0]

**Antibiotic 1907-II**

See Leucinoctatin B [76663-52-0]

**Antibiotic 704III**

See 3(2H)-Furanone, 4-acetyl-2-(1E,3E)-1,3-hexadienyl-5-methoxy-2-methyl-, (+)- [58801-71-1]

**Antibiotic IM 8443T**

See 4,6,8-Decatienamide, 3-hydroxy-N-[6-hydroxy-9-(8-hydroxy-1,5,7-trimethyl-3,6-dioxo-2-oxa-5-azaspiro[3.4]oct-8-yl)-9-methoxy-7-methyl-2,4-nonadienyl]-2,2,4-trimethyl-10-(2-methyl-5-oxazoyl)- [97412-77-6]

**Antibiotic 704IV**

See 3(2H)-Furanone, 2-(1,3-hexadienyl)-4-(3-hydroxy-1-oxobutyl)-5-methoxy-2-methyl- [65831-50-7]

**Antibiotic J 55C1**

See 5,12-Naphthacenedione, 7,8,9,10-tetrahydro-1,6,8,11-tetrahydroxy-8-(1-hydroxyethyl)-10-[[2,3,6-trideoxy-3-(formylamino)- $\alpha$ -L-lyxo-hexopyranosyl]oxy]- [92761-21-2]

**Antibiotic J1 20A**

See D-Streptamine, O-3-deoxy-4-C-methyl-3-(methylamino)- $\beta$ -L-arabinopyranosyl-(1-6)-O-[2,6-diamino-2,6-dideoxy- $\alpha$ -D-glucopyranosyl-(1-4)]-2-deoxy- [51846-97-0]

**Antibiotic J1 20B**

See D-Streptamine, O-3-deoxy-4-C-methyl-3-(methylamino)- $\beta$ -L-arabinopyranosyl-(1-6)-O-[2,6-diamino-2,6,7-trideoxy-L-glycero- $\alpha$ -D-glucio-heptopyranosyl-(1-4)]-2-deoxy- [51846-98-1]

**Antibiotic JM 971A**

See Benzenepropanol,  $\beta$ -(dimethylamino)- $\alpha$ -(5,7-dimethyl-3-nonenyl)-4-hydroxy- [92802-17-0]

**Antibiotic JM 971B**

See Benzenepropanol,  $\alpha$ -(5,7-dimethyl-3-nonenyl)-4-hydroxy- $\beta$ -(methylamino)- [92802-16-9]

**Antibiotic JM 971C**

See Benzenepropanol,  $\beta$ -amino- $\alpha$ -(5,7-dimethyl-3-nonenyl)-4-hydroxy- [92802-15-8]

**Antibiotic K 4**

See L-Phenylalaninamide, N-methyl-L-valyl-N-[2-(4-hydroxyphenyl)-1-phosphonoethyl]- [84890-90-4]

**Antibiotic K 16**

See Propanedioic acid, [(2-amino-3-hydroxy-1-oxopropyl)amino]2-[5-(aminomethyl)-2,5-dihydro-4-hydroxy-2-oxo-1H-pyrral-3-yl]-2-oxoethyl- [38249-71-7]

**Antibiotic K 26**

See L-Tyrosinamide, N-acetyl-L-isoleucyl-N-[2-(4-hydroxyphenyl)-1-phosphonoethyl]- [84890-91-5]

**Antibiotic K 41**

See 2H-Pyran-2-acetic acid, 6-[[2R,3R,4R,5S,7S,9R,10R]-3,9-dimethoxy-2,4,10-trimethyl-2-[(2S,2R,5R,5R)-octahydro-5-[(2S,3S,4S,5R,6S)-tetrahydro-6-hydroxy-3,5,6-trimethyl-4-[[2R,5S,6R)-tetrahydro-6-methoxy-6-methyl-2H-pyran-2-yl]loxy]-2H-pyran-2-yl]2,2-bifuran-5-yl]-1,6-dioxaspiro[4.5]dec-7-yl]-methyl]tetrahydro- $\alpha$ ,2-dihydroxy-4,5-dimethoxy-3,5-dimethyl-, (aR,2S,3S,4S,5S,6S)- [53026-37-2]

**Antibiotic K 178**

See Nigericin [28380-24-7]

**Antibiotic K 582**

See Myricidin [74315-56-3]

**Antibiotic K 4619**

See D-allo-Inositol, 2-amino-5-[(aminoacetyl)methylamino]-2,3,5-trideoxy-1-O-(2,6-diamino-2,3,4,6,7-pentadeoxy- $\beta$ -L-lyxo-heptopyranosyl)-, sulfate (1:2) (salt) [82960-18-3]

**Antibiotic K 16A**

See 1H-Pyrrole-3-butanolic acid,  $\alpha$ -(2-amino-3-hydroxy-1-oxopropyl)amino-5-(aminomethyl)-2,5-dihydro-4-hydroxy-2,5-dioxo-, (2S)-[partial]- [38249-70-6]

**Antibiotic K 73A**

See 2H-Furo[3,2-b]naphthal-2,3-dipyran-2,6,11-trione, 3,3a,5,11b-tetrahydro-7-hydroxy-5-methyl-8-[2,3,5-trideoxy-3-(dimethylamino)- $\beta$ -D-arabino-hexopyranosyl]-, (3aR,5R,11bR)- [60227-09-0]

**Antibiotic K 252a**

(+)- see 9,12-Epoxy-1H-diindol[2,3-fg:3'-2',1'-l]pyrrolo[3,4-i]1,6-benzodiazocine-10-carboxylic acid, 2,3,9,10,11,12-hexahydro-10-hydroxy-9-methyl-1-oxo-, methyl ester, (9S,10R,12R)- [99533-80-9]

**Antibiotic K 26-2a**

See D-Streptamine, O-2-amino-2,3,4,6,7-pentadeoxy-6-(methylamino)- $\beta$ -L-threo-hept-4-enopyranosyl-(1-4)-O-[3-deoxy-4-C-methyl-3-(methylamino)- $\beta$ -L-arabinopyranosyl-(1-6)]-2-deoxy- [75804-31-8]

**Antibiotic K 582A**

See Myricidin K<sub>A</sub> [74899-62-0]

**Antibiotic KA 3093**

See myo-Inositol, 2-deoxy-2-[[3-[4-[[6-deoxy- $\beta$ -D-arabino-hexofuranos-5-ulos-1-yl]oxy]-3-hydroxyphenyl]-2-methyl-1-oxo-2-propenyl]amino]-5-O-methyl- [79925-51-2]

**Antibiotic KA 5685**

See D-Streptamine, O- $\alpha$ -D-glucopyranosyl-(1-8)-O-(8R)-2-amino-2,3,7-trideoxy-7-(methylamino)-D-glycero- $\alpha$ -D-allo-octadialdo-1,5,8,4-dipyransyl-(1-4)-2-deoxy- [86630-31-1]

**Antibiotic KA 6643A**

See 1-Azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid, 3-(R)-[(1E)-2-(acetyl)amino]ethenylsulfanyl]-6-(1-hydroxy-1-methylthyl)-7-oxo-, (5R,6R)- [76025-73-5]

**Antibiotic KA 6643B**